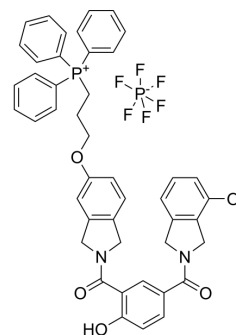


TRAP1-IN-2

| | |
|--------------------|---|
| Cat. No.: | HY-155064 |
| CAS No.: | 3031102-92-5 |
| Molecular Formula: | C ₄₆ H ₄₂ F ₆ N ₂ O ₅ P ₂ |
| Molecular Weight: | 878.77 |
| Target: | HSP |
| Pathway: | Cell Cycle/DNA Damage; Metabolic Enzyme/Protease |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

| | |
|---------------------------|--|
| Description | TRAP1-IN-2 (compound 36) is a selective degrader of TRAP1 downstream proteins without affecting Hsp90's cytoplasmic downstream proteins. TRAP1-IN-2 also inhibits OXPHOS and alters cellular glycolysis metabolism. TRAP1-IN-2 destabilizes TRAP1 tetramers and disrupts mitochondrial membrane potential. |
| IC ₅₀ & Target | TRAP1 |

REFERENCES

[1]. Merfeld T, et al. Elucidation of novel TRAP1-Selective inhibitors that regulate mitochondrial processes. Eur J Med Chem. 2023 Oct 5;258:115531.

Caution: Product has not been fully validated for medical applications. For research use only.

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